

Today: Using Simulation to Assess Team Quality in Sports Leagues

The paper handed out today is an early draft and will not be posted on my web page.

The R-programs used are posted – [R-Programs for League Team Quality Paper](#)

The sequence goes like this:

1. Intro to problem and why paper not posted. EQ Hypothesis.
2. Basketball league example based on EQ for win rate. Use of SD of league points as index of quality. Distribution of the Index.
3. Soccer example based on spread of points for EQ – look at distribution of top and bottom teams' league points. redo allowing a subgroup of elite teams.
4. Aussie rules football example – assume each team has the same dist of points for EQ – no matter which opposition. Look at for/against ratio and its distribution across the teams.
5. Useful lessons about statistical method? Discussion.